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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/778,495

02/07/2001

Marquette John Anderson

TI-30831

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7590

02/02/2005

TEXAS INSTRUMENTS INCORPORATED

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EXAMINER

LESNIEWSKI, VICTOR D

ART UNIT

PAPER NUMBER

2155

DATE MAILED: 02/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/778,495	Applicant(s) ANDERSON ET AL.	
	Examiner Victor Lesniewski	Art Unit 2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 October 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The amendment filed 10/4/2004 has been placed of record in the file.
2. Claims 10-12 have been amended.
3. Claims 1-20 are now pending.
4. The applicant's arguments with respect to claims 1-20 have been fully considered but they are not persuasive. A detailed discussion is set forth below.

Response to Amendment

5. Claims 10-12 have been amended to properly identify the claims as method claims. The amendment does not prove a change in scope to the limitations of claims 10-12.

Response to Arguments

6. Claims 1, 4-6, 8, 10, 11, 13, 14, and 17-19 remain rejected under 35 U.S.C. 102(e) as being anticipated by DeRoo et al. (U.S. Patent Number 6,161,162), hereinafter referred to as DeRoo. Claims 2, 3, 7, 9, 12, 15, 16, and 20 remain rejected under 35 U.S.C. 103(a) as being unpatentable over DeRoo in view of Baxter et al. (U.S. Patent Number 5,887,146).

7. In the remarks, the applicant has argued:

- <Argument 1>

DeRoo does not disclose the features of claim 1 because he does not disclose "a verification interface for passing system memory accesses to said system memory in a normal mode and for passing said system memory accesses to said shared memory in a verification mode" as recited in claim 1.

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8. In response to argument 1, DeRoo does disclose a verification interface as recited in claim 1. The previous line citation, column 81, line 50 through column 82, line 6, shows an exemplary embodiment of DeRoo's system where the ability of the system control processor (SCP) to access the common memory device is detailed. For clarification, the applicant is directed to a more general delineation of the capabilities of the system control processor.

9. First, DeRoo's system uses a Human User-Input Interface that integrates a SCP interface and a Mouse Keyboard Interface into a single device along with an interface for a common memory device that is accessible by the SCP. See column 3, line 64 through column 4, line 15. The ability of the SCP to address the SCPI and access a common memory is representative of the "verification mode" in claim 1.

10. Second, DeRoo has also stated that the SCP cannot only address the SCPI, but can address external RAM as well, and this RAM is local only to the SCP. See column 6, lines 45-50. This is further supported by figure 2, which shows the SCP 26 functionally interfacing with the SCPI 28 and the external RAM 48. The ability of the SCP to access the RAM is representative of the "normal mode" in claim 1.

11. Although the applicant's statement that DeRoo's system cannot "provide the debugging capabilities of the present invention because it does not have the capability to selectively re-direct memory access requests..." may be accurate in regard to how the applicant's invention is distinguished over DeRoo, it does not directly address the limitations as recited in claim 1. The applicant is reminded that although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

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12. In addition, the applicant has argued that claims rejected under 35 U.S.C. 102 and 35 U.S.C. 103, but not explicitly discussed, are allowable based on the above arguments. Thus, claims disclosing similar limitations to the discussed claims and related dependent claims remain rejected under the same reasoning as presented above.

Conclusion

13. **THIS ACTION IS MADE FINAL.** The applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor Lesniewski whose telephone number is 571-272-3987. The examiner can normally be reached on Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on 571-272-3978. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Victor Lesniewski
Patent Examiner
Group Art Unit 2155



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SUPERVISORY PATENT EXAMINER